

THE CITY OF REDMOND FIRE DEPARTMENT - PREVENTION DIVISION



Redmond Fire Department Standards Administrative Ruling / Interpretation

Code Section: Redmond Fire Department Standard 5.0

Title: Sprinkler Head Change Out Permit Procedures

Date: January 25, 2006

Statement of Need:

Permit requirements and procedures for recalled sprinkler head change out or changing of sprinkler heads only (i.e., changing heads to quick response).

Ruling/Interpretation:

- 1. A Quick Start permit is acceptable for any number of heads as long as a letter is provided from the sprinkler designer stating that there is no degradation of the sprinkler system's hydraulic calculations due to any change in the K factor of the replacement heads or that the K factor has not changed. A reference set of plans is required showing the area where the heads are being changed out.
- 2. The fees associated with the number of head change outs will be calculated by dividing the number of heads changed out by 50 and rounding up to the nearest whole number. This number will be used as the device count for purposes of calculating the permit fee.
- 3. A Final Fire inspection is required.
- 4. Any replacement with heads that degrade the hydraulic calculations of the system will require plans and new calculations be provided under normal permit procedures and fees. Any additional piping or other modifications to the system will be permitted under the normal permit procedures and fees.
- 5. When head replacements or system modifications affecting more than 20 heads includes new piping, the modified sections shall be hydrostatically tested in accordance with NFPA 13. Modifications that cannot be isolated shall not require testing in excess of system working pressure.

Robert Lovett	
Fire Marshal	